

## In the Claims

Please amend claims 1, 11, 31 and 34 as follows:

1. (amended) A medical diagnostic ultrasound system subsystem having its essential functionality largely residing in at least one but less than three reprogrammable logic device components.

11. (amended) A medical diagnostic ultrasound method for processing with a subsystem, the method comprising the acts of:

(a) processing data with at least one but less than three re-programmable logic device in the subsystem; and

(b) providing an essential functionality of the subsystem largely resident in the reprogrammable logic device components.

31. (amended) A medical diagnostic ultrasound system for scan conversion, the system comprising:

a scan converter comprising at least one but less than three re-programmable logic device; and

a display operatively connected with the scan converter.

34. (amended) A medical diagnostic ultrasound method for scan conversion, the method comprising the steps of:

(a) scan converting data with at least one but less than three re-programmable logic devices; and

(c) transmitting data from the re-programmable logic device to a display.

Please cancel claims 37-45, 50, 54, 58, 62, 64, 66 and 68-77

## REMARKS

Applicants respectfully submit that all of the pending claims are in condition for allowance and seeks early allowance thereof. If for any reason, the Examiner is unable to allow the application in the next Office Action and believes that an interview would be helpful to